

Visit to Frankfurt

26 May-29 May 2011

C.Y. Tan
01 Jun 2011

Participants and Goal

- C.Y. Tan, W. Pellico and K. Duel (FNAL)
- A. Schempp, J. Schmidt, B. Koubek (U. Frankfurt)
- Goal
 - Verify RFQ progress.
 - Check cleanliness and machining.
 - Get some questions answered.

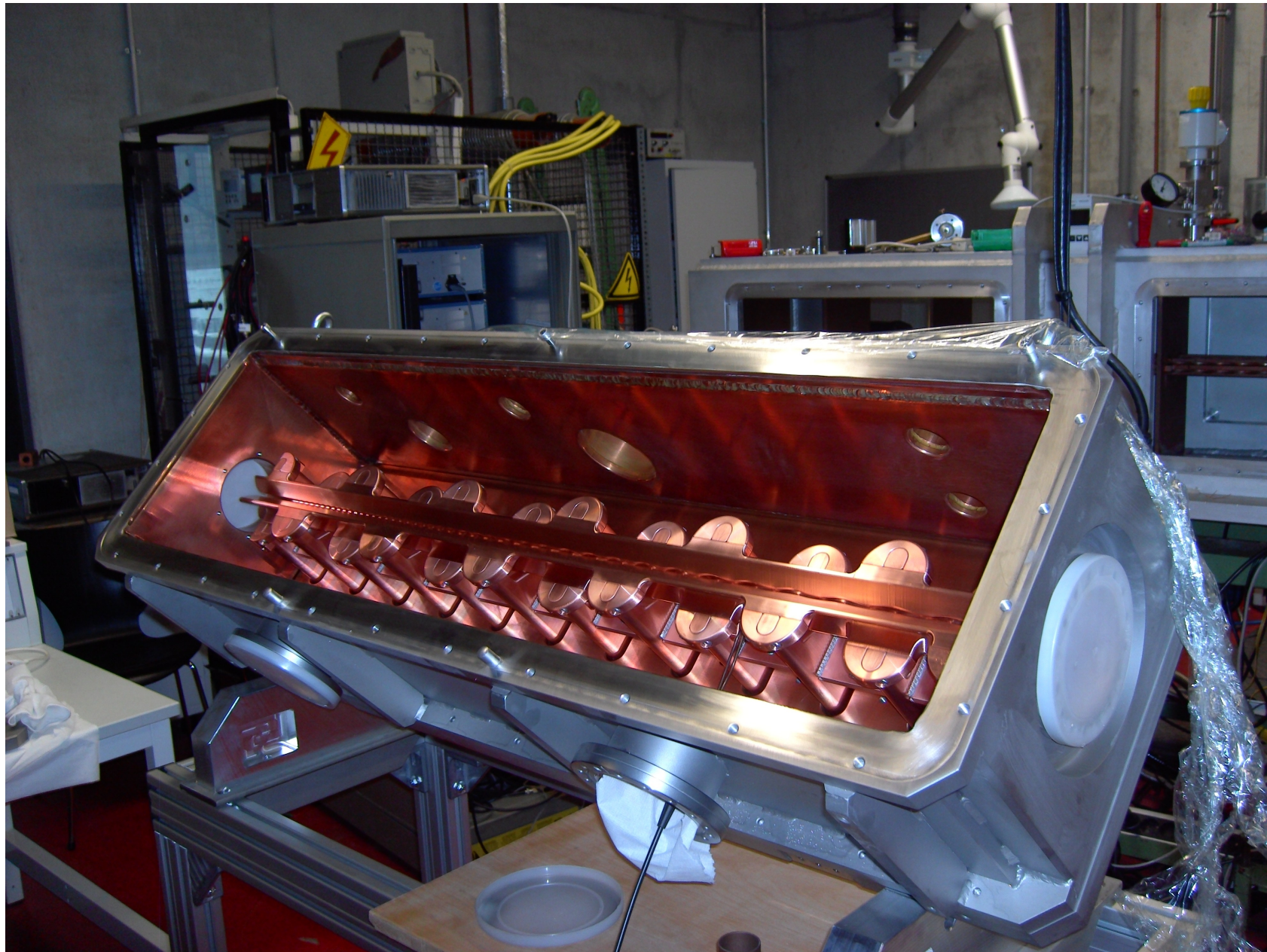
Some interesting info

- Our RFQ is unique
 - 3rd iteration of the same type.
 - Unlike BNL RFQ, our RFQ is stiffer and the rods cannot move, unlike BNL RFQ which has spacers between rods and stems holding rods.
- Janet has worked and tuned 3 RFQs:
 - BNL, MSU and ours
- Schempp designed our RFQ and not students.

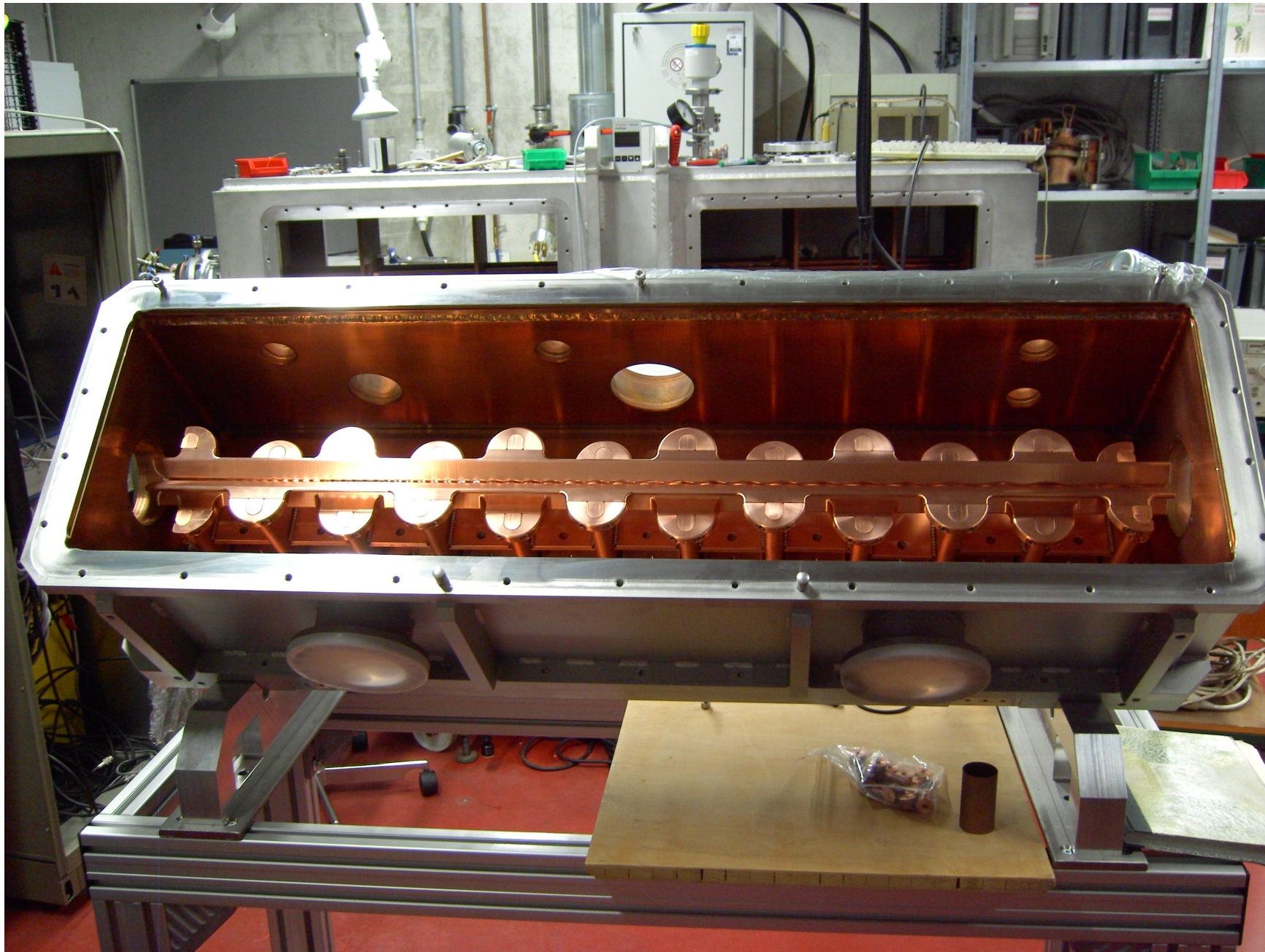


Janet Schmidt,
Prof. Alwin Schempp.
Benjamin Koubek

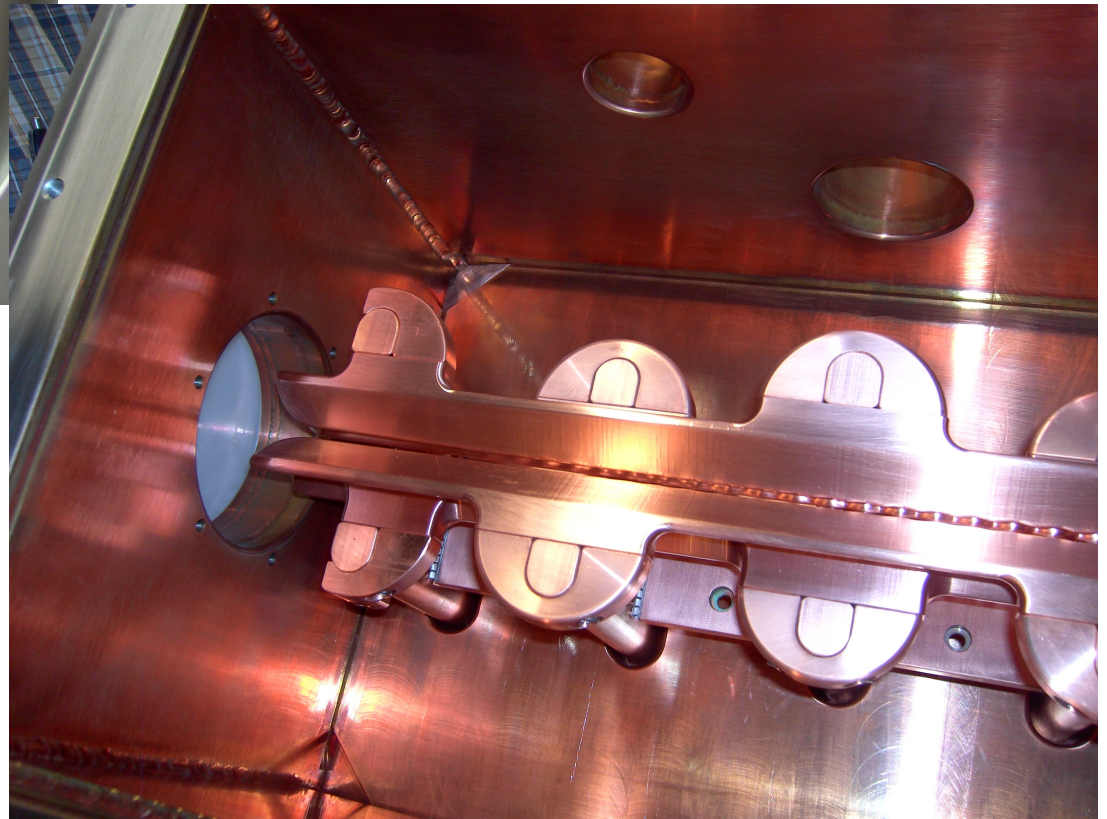
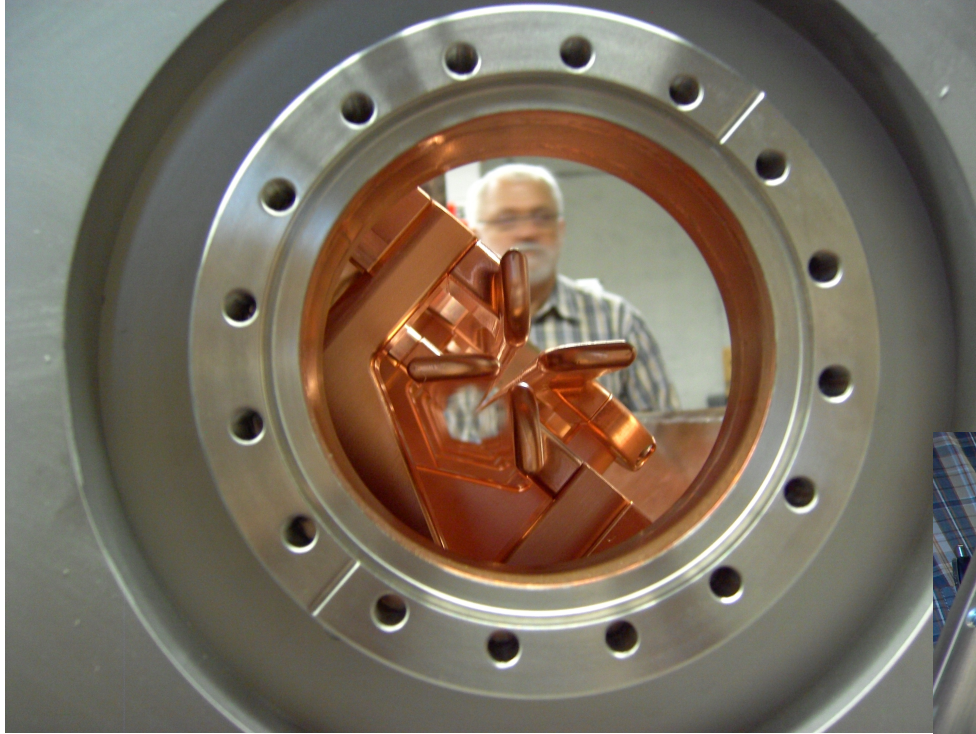
The RFQ



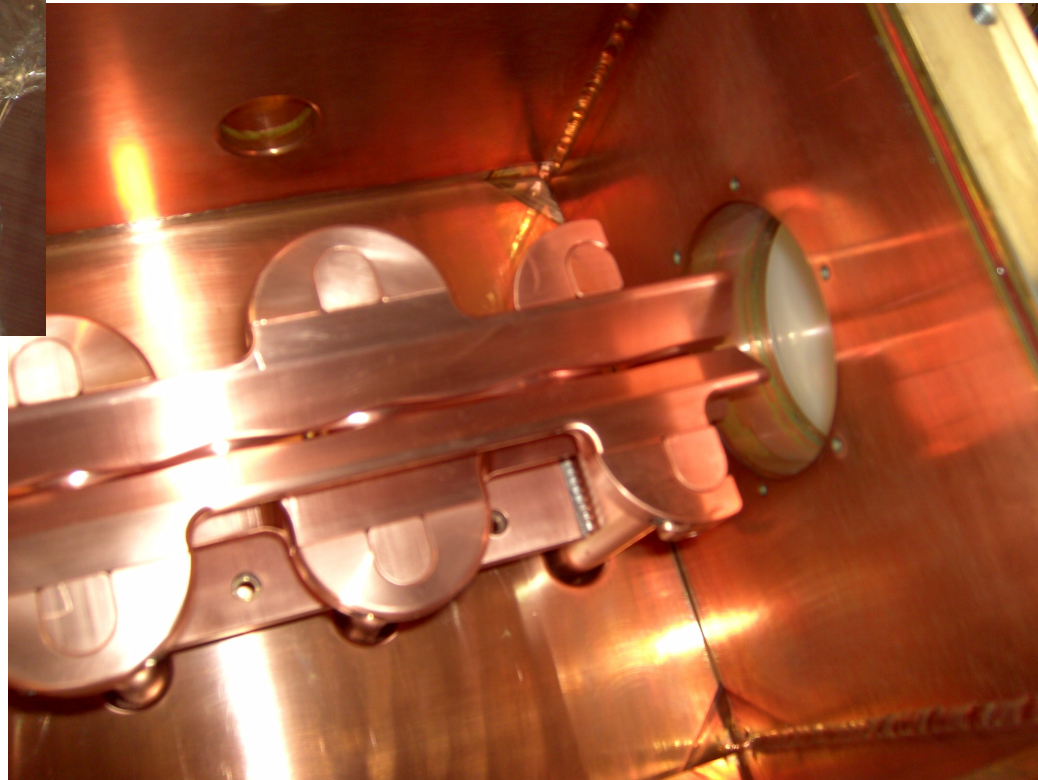
Another View



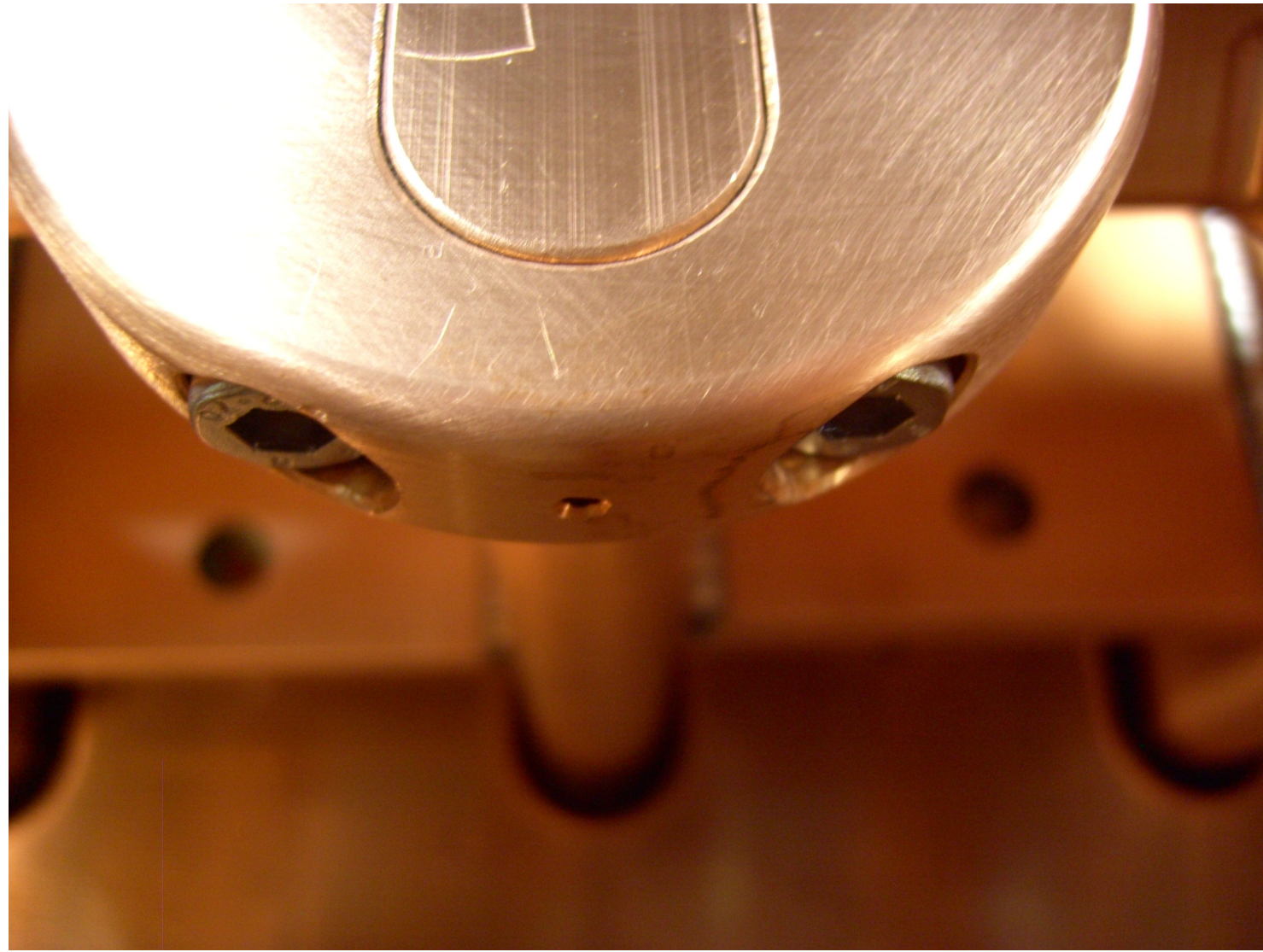
Input End



Output End



Zoom in view

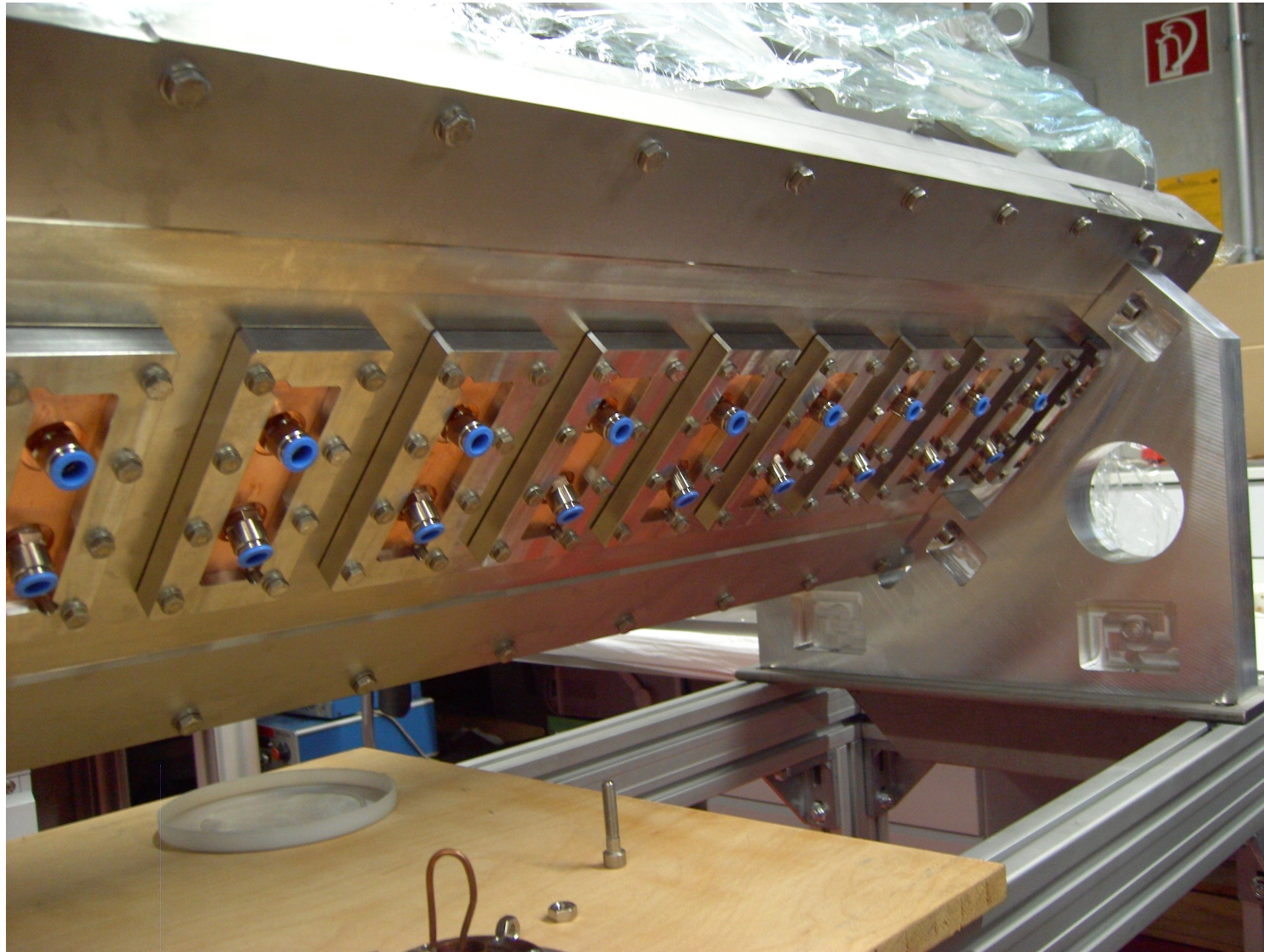


Note scratches.
Will be alcohol
wiped before
shipping.

Cover



Water Inlets



1 screw not
completely
tightened.

RFQ status

- Measurements and tuning continue.
- Waiting for RF coupler
- RFQ rods will be wiped down before shipment.
- Screws will be changed to vented screws.



Bill working up an appetite for
boiled pork and apple wine!

